## WALLER LANSDEN DORTCH & DAVIS

A PROFESSIONAL LIMITED LIABILITY COMPANY

Nashville City Center
511 Union Street, Suite 2100
Post Office Box 198966
Nashville, Tennessee 37219-8966

REC'D THE RECULATORY AUTH.

WALLER LANSDEN DORTCH & DAVIS, LLP
AFFILIATED WITH THE PROFESSIONAL LIMITED LIABILITY COMPANY
520 SOUTH GRAND AVENUE, SUITE 675
LOS ANGELES, CALIFORNIA 90071
(213) 362-3680

(615) 244-6380 FAX: (615) 244-6804 www.wallerlaw.com \* 02 WOLLER LANSPEN BORTCH & DAVIS
A PROFESSIONAL LIMITED LIABILITY COMPANY
809 SOUTH MAIN STREET
() F POST OFFICE BOX 1035
COLUMBIA, TENNESSEE 38402-1035
EXE(ULIVI (931) 388-6031)

D. Billye Sanders (615) 850-8951 bsanders@wallerlaw.com

May 9, 2002

## Via Hand-Delivery

K. David Waddell Executive Secretary Tennessee Regulatory Authority 460 James Robertson Parkway Nashville, Tennessee 37219

Re: Petition of Chattanooga Gas Company for Approval of Change in

Purchase Gas Adjustment Docket No. 02-00383

Dear Mr. Waddell:

Enclosed you will find the original and 13 copies of: (1) a revised Exhibit A to the above referenced Petition; (2) a revised Exhibit WHN-1 to William H. Novak's pre-filed testimony;\* (3) revised page 1 of Exhibit WHN-2 to William H. Novak's testimony; and (4) revised page 5 of Exhibit WHN-2 to William H. Novak's testimony. These exhibits were revised to delete the lost and unaccounted-for gas cost component from the Fixed Rate PGA Formula in the Tariff (Exhibit A and Exhibit WHN-1) and the Pro Forma Fixed Rate PGA Calculation in Exhibit WHN-2. This item was revised because the cost of lost and unaccounted-for volumes are included in the Sales and Supply Volume Reconciliation on Page 6 of WHN-2 and reflected on line 1 of page 1 of WHN-2.

Sincerely,

D. Billye Sanders

Attorney for Chattanooga Gas Company

DBS:lmb Enclosures

cc:

Hal Novak

Archie Hickerson

Earl Burton

<sup>\*</sup> Exhibit A and Exhibit WHN-1 contain the same information. 755462.1

#### EXPERIMENTAL FIXED RATE PGA RIDER

#### **APPLICABILITY**

This Rider shall apply to the Company's Purchased Gas Adjustment Provision for the Residential General Service (Rate Schedule R-1), Multi-Family Housing Service (Rate Schedule R-4) and Commercial and Industrial General Service (Rate Schedule C-1) Rate Schedules. This Rider shall also supersede the Company's regular Purchased Gas Adjustment Rider for these rate schedules at those times when this Rider is in effect.

## **EXPERIMENTAL PERIOD**

This Experimental Rider is effective for a three-year period beginning October 1, 2002 and ending September 30, 2005. This Rider may be discontinued by either the Company or the Authority upon notice 30 days prior to the annual anniversary date of October 1.

## **INTENT AND APPLICATION**

This Rider is intended to provide for all of the gas needs for the covered rate schedules at a fixed rate PGA, regardless of consumption or weather. A new fixed rate PGA will be implemented for a 12 month period on October 1 of each year during the Experimental Period. By September 1 of each year during the Experimental Period, the Company shall make a pro forma rate filing with the Authority reflecting the current market conditions for wholesale gas prices at that point in time. Such filing shall be made in accordance with the formula contained in the Determination of Fixed Rate. Such filing will not be a guarantee of the Fixed Rate offered on October 1, but shall be indicative of the general market conditions at September 1. Unless the Authority acts to stop the Company from implementing this Rider by September 25, the Company will enter into agreements to lock in the price of gas for the next 12 month period beginning October 1. If the TRA acts by September 25 to halt this Fixed Rate PGA Rider, then this Rider will be suspended for the following 12 months, and the Company shall revert to its regular PGA pricing mechanism.

ISSUED ON: April 8, 2002

#### **EXPERIMENTAL FIXED RATE PGA RIDER (Continued)**

#### **DETERMINATION OF FIXED RATE**

The fixed rate PGA offered under this service shall be set in accordance with the following formula:

$$\left(\frac{\sum\limits_{N_{1}-N_{12}} [(O_{N} \times Q_{N}) + C_{1}] + \sum\limits_{N_{1}-N_{12}} [(SI_{N} \div SQ_{N}) \times S_{N}] + [D + C_{2}]}{\sum\limits_{N_{1}-N_{12}} (V_{N})} + PTR + RP$$

Where:

N = Month of Fixed PGA Rate.

**O** = Gas Daily NYMEX Future Rate at the Henry Hub.

C<sub>1</sub> = Projected cost of financial collar between normal and actual volumes purchased.

**Q** = Projected gas wellhead purchases, excluding industrial usage.

SI = Projected cost of gas in storage inventory.

**SQ** = Projected volume of gas in storage inventory.

S = Projected gas deliveries from storage inventory, excluding industrial usage.

**D** = Projected annual pipeline demand charges, excluding industrial demand.

C<sub>2</sub> = Projected cost of financial collar between normal and actual volumes sold.

V = Projected sales volumes, excluding industrial usage.

PTR = Projected pipeline transportation rate.

**RP** = Risk Premium.

## WAIVER OF PRUDENCE AUDITS, ACA AUDITS, AND PGA REQUIREMENTS

Because the Authority has notice of the fixed gas rate to be offered for the next 12 months in advance of its implementation, the prudence of these gas purchases is assumed, and the requirements for prudence audits under Section 1220-4-7-.05 of the Tennessee Regulatory Authority's Purchased Gas Adjustment Rule is waived for these purchases. In addition, because the Company is required to commit to an annual price offering for all consumption in advance, the annual audit of the Company's actual gas costs shall also be waived for the applicable rate schedules, subject to any verification over the accuracy of end-user bills. Finally, because the Company is committing to a one-year price offering, all requirements of the Authority's Purchased Gas Adjustment Rule shall also be waived for the affected rate schedules.

ISSUED ON: April 8, 2002

EFFECTIVE: October 1, 2002

## EXPERIMENTAL FIXED RATE PGA RIDER

#### **APPLICABILITY**

This Rider shall apply to the Company's Purchased Gas Adjustment Provision for the Residential General Service (Rate Schedule R-1), Multi-Family Housing Service (Rate Schedule R-4) and Commercial and Industrial General Service (Rate Schedule C-1) Rate Schedules. This Rider shall also supersede the Company's regular Purchased Gas Adjustment Rider for these rate schedules at those times when this Rider is in effect.

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ISSUED ON: April 8, 2002 EFFECTIVE: October 1, 2002

## **EXPERIMENTAL FIXED RATE PGA RIDER (Continued)**

## **DETERMINATION OF FIXED RATE**

The fixed rate PGA offered under this service shall be set in accordance with the following formula:

$$\left(\frac{\sum\limits_{N_{1}-N_{12}} [(O_{N} \times Q_{N}) + C_{1}] + \sum\limits_{N_{1}-N_{12}} [(SI_{N} \div SQ_{N}) \times S_{N}] + [D + C_{2}]}{\sum\limits_{N_{1}-N_{12}} (V_{N})} + PTR + RP$$

Where:

N = Month of Fixed PGA Rate.

**O** = Gas Daily NYMEX Future Rate at the Henry Hub.

C<sub>1</sub> = Projected cost of financial collar between normal and actual volumes purchased.

**Q** = Projected gas wellhead purchases, excluding industrial usage.

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**SQ** = Projected volume of gas in storage inventory.

S = Projected gas deliveries from storage inventory, excluding industrial usage.

D = Projected annual pipeline demand charges, excluding industrial demand.

C<sub>2</sub> = Projected cost of financial collar between normal and actual volumes sold.

V = Projected sales volumes, excluding industrial usage. PTR = Projected pipeline transportation rate.

 $\mathbf{RP}$  = Risk Premium.

## WAIVER OF PRUDENCE AUDITS, ACA AUDITS, AND PGA REQUIREMENTS

Because the Authority has notice of the fixed gas rate to be offered for the next 12 months in advance of its implementation, the prudence of these gas purchases is assumed, and the requirements for prudence audits under Section 1220-4-7-.05 of the Tennessee Regulatory Authority's Purchased Gas Adjustment Rule is waived for these purchases. In addition, because the Company is required to commit to an annual price offering for all consumption in advance, the annual audit of the Company's actual gas costs shall also be waived for the applicable rate schedules, subject to any verification over the accuracy of end-user bills. Finally, because the Company is committing to a one-year price offering, all requirements of the Authority's Purchased Gas Adjustment Rule shall also be waived for the affected rate schedules.

ISSUED ON: April 8, 2002

EFFECTIVE: October 1, 2002

# Chattanooga Gas Company Pro Forma Fixed Rate PGA Calculation

Exhibit WHN-2 Page 1 of 6

Line			
<u>No.</u> 1	Commodity Cost Component	Amount \$24,891,557	A/
2	Storage Cost Component	9,451,400	B/
3	Demand Cost Component	11,982,620	C/
4	Lost & Unaccounted-For Gas Cost Component	0	D/
5	Total Gas Cost	\$46,325,578	
6	Projected Sales Volumes (Dkt)	8,769,033	E/
7	Gas Cost Rate per Dkt	\$5.2829	
8	Pipeline Transportation Rate per Dkt	0.0600	F/
9	Delivered Cost per Dkt	\$5.3429	
10	Delivered Cost per Ccf	0.5503	G/
11	Risk Premium per Ccf	0.0500	H/
12	Fixed Rate PGA per Ccf	\$0.6003	

NOTE: Pro forma results based on market conditions at March 1, 2002.

A/ Exhibit WHN-2, Page 2.

B/ Exhibit WHN-2, Page 3.

C/ Exhibit WHN-2, Page 4.

D/ Eliminated

E/ Exhibit WHN-2, Page 6.

F/ Weighted Average of Pipline Rates for E. TN/TN and Southern Natural Gas

G/ Average BTU rate of 3.0%.

H/ Approved overall rate of return is 9.08%.

13	12	<u>-</u>	<b>1</b> 0	9	8	7	6	ഗ	4	ω	2	No.
Total	September	August	July	June	May	April	March	February	January, 2003	December	November	October, 2002
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NOTE: Pro forma results based on market conditions at March 1, 2002.

A/ Exhibit WHN-2, Page 2.B/ Exhibit WHN-2, Page 3.C/ Exhibit WHN-2, Page 6.